NEWS and MEDIA

Pathobiology professor focuses research on equine health
Dr. Janet Beelar Marfisi has always had an interest in equine health, as her father owned Standardbred racehorses giving her plenty of exposure to horses from a young age. | OVC Bulletin | StandardbredCanada

Research searches to uncover mysteries of adaptive immune system
Dr. Stefan Keller’s ongoing research into the capacity of the immune system to adapt and fight disease is uncovering exciting new possibilities. | OVC Bulletin

Cancer-fighting viruses: Canadian team to accelerate research with $7.4 million from Terry Fox Research Institute
The University of Guelph’s Dr. Byram Bridle is a member of the Canadian Oncolytic Virus Consortium, who recently received a five-year, $17.5 million funding commitment for their research by the Terry Fox Foundation. | The Ottawa Hospital RI | GuelphToday.com

Fatal deer disease reaches Ontario for the first time
Drs. Nicole Nemeth and Samantha Allen in the Department of Pathobiology at the Ontario Veterinary College are characterizing midge biology in the region. They are also testing for past virus transmission in livestock and deer. | CCWHC

Immuno-Genetics Research Receive Innovation of the Year Awards
Mallard’s High Immune Response (HIR) technology has already been recognized this year with a prestigious Governor General’s Award for Innovation. | U of G News

Cédric Larouche (Nemeth and Bienzle) presented ‘Hemolymph cytology, cell count, and electrolyte reference values in Cameroon Red Tarantula Hysterocrates gigas’ at the American Association of Zoo Veterinarians annual conference in Dallas-Frisco, Texas on 24 September 2017.

CONGRATULATIONS

Ellie Milnes (Nemeth, Smith and Bienzle), was awarded a $12,500 research grant from the American Association of Zoo Veterinarians Wild Animal Health Fund for ‘Pharmacokinetics of imidocarb dipropionate following a single intramuscular injection in white-tailed deer Odocoileus virginianus’.

Monica Baquero has joined Dr. Jeff Caswell’s lab as a post-doc, working on host-pathogen interactions in Mycoplasma bovis pneumonia of cattle. Monica is well known to the department because she recently completed a PhD with Brandon Platter.

Congratulations to the successful ACVP Diplomates

Clinical Pathology:
Nariman Deravi, Melanie Ammersbach

Anatomic Pathology:
Emily Brower, Laura Bourque, Chris Pinelli

CHAIR’S NOTE

We are in the process of expanding our social media presence. Thanks to Dr. Brandon Lillie, we now have a Twitter account (@OVCPathobiology). So far, we have attracted 14 followers but I am sure that we will have many more in the near future. Please help us spread the word about Pathobiology’s Twitter (and like us!!!).

Also, please share with us any interesting or important research and professional news that you might have and want the rest of the world to know about it.

Our new and improved website is coming along, but for that we need faculty’s updated photographs. If there are faculty who have not set up a time with Nathalie to have their pictures taken, please contact her as soon as possible.

Thanks and enjoy these wonderful fall days, Shayan Sharif

LEFT: Dr. Andrew Peregrine at the Batu caves, Kuala Lumpur - while attending 26th International Conference of the World Association for the Advancement of Veterinary Parasitology / 53rd Annual Conference of the Malaysian Society of Parasitology and Tropical Medicine in September.

ABOVE: Field Research Photo Competition Best in Show Winner ($1000) - Photo by Ellie Milnes

RIGHT: Congratulations to Karla DeUrsla for receiving the Carlton L. Gyles OVC Support Staff Excellence Award here at OVC in June.
RESEARCH HIGHLIGHT

Asthma in horses

- Many older horses in Canada develop “heaves” or “recurrent airway obstruction” (RAO).
- Disease results from chronic exposure to dusty hay, straw and mold spores.
- Affected horses cough, have excess mucus production and airway constriction, and have difficulty expiring air.

Research goals

Identify why this disease develops and how to diagnose it earlier

Collaborators

Dr. Dorothee Bienzle, Ontario Veterinary College
Dr. Cameron Ackerley, Hospital for Sick Children

RECENT PUBLICATIONS

Immune response in the thyroid cancer microenvironment: making immunotherapy a possible mission
Robert C. Mould, Jacob P. van Vloten, Amanda W. K. AuYeung, Khalil Karimi and Byram W. Bridle | Society for Endocrinology | PubMed

A Single TCF Transcription Factor, Regardless of Its Activation Capacity, Is Sufficient for Effective Trilineage Differentiation of ESCs. Cell

Fowl Aviadenovirus 9 dUTPase Plays a Role in Regulation of the Host Immune Response.
Deng L, Griffin BD, Pei Y, Leishman D, McBey BA, Sharif S, Nagy É. | PubMed

Impaired response of the bronchial epithelium to inflammation characterizes severe equine asthma.

Enhancing Immune Responses to Cancer Vaccines Using Multi-Site Injections.

Adjuvant Doxorubicin with or without Metronomic Cyclophosphamide for Canine Splenic Hemangiosarcoma.
Matsuyama A, Poirier VJ, Mantovani F, Foster RA, Mutsaers AJ. | PubMed


Welcome our new Graduate Students

Jakob Domm, MSc with Dr. Sarah Wootton
Michael Edson, MSc with Dr. Geoffrey Wood
Jolene Giacinti, MSc with Drs. Claire Jardine & David Pearl
Daniel Gibson, MSc with Drs. Nicole Nemeth & Leo Susta
Sarah Hill, MSc with Drs. Janet MacInnes & Vahab Farzan
Akash Jairaj, MSc with Dr. Stefan Keller
Genevieve Lumsden, MSc with Dr. Claire Jardine
Rebecca Flancman PhD with Dr. Scott Weese

GRADUATE STUDENT DEFENSES

Watch emails for notices

Graduate seminars — see upcoming events

IMPORTANT DATES

Oct 2 Latomnell Graduate are due
Oct 2 Latronell Travel are due
Oct 4 Last day to complete Univ*7100 Academic Integrity Course
Oct 9 Holiday: Thanksgiving, No Classes Scheduled
Oct 10 Fall Study Break Day—No Classes Scheduled
Oct 11 Winter 2018 registration opens until Dec 1
Oct 13 NSERC applications for Doctoral graduate students are due
Oct 14 Graduate Studies Preview Day 10 am - 1 pm
University Centre > more info
Oct 16 Progress Reports for Graduate Students submission date *
Oct 20 Graduating Winter 2018 application due.
Go to WebAdvisor Convocation. Late fees apply.
Oct 21 9 am - 2017 Fall Convocation War Memorial Hall
Nov 3 Last day to drop a one semester course

* Please make sure that you get all the signatures from your committee members before submitting your semester report to the Graduate Program Assistant Donna Kangas will get the signature from the Graduate Coordinator. You can submit your forms in an envelope in Donna’s mailbox on the third floor in Pathobiology. They will be picked up once a day. It is advised that you have a committee meeting every semester.

REGISTRATION (3 parts)

If you have not registered, please do so soon.

Part I: Register for UNIV*7510- Active Full-time Student or UNIV*7520 Part-time Student. Also register for your courses

Part II: Register in UNIV*7500—RESEARCH and WRITING

Part III: Pay your tuition. If you are on Payroll Deduction or have a Scholarship, you will need to go into WebAdvisor and do the Graduate Settlement.

GRADUATING

GRAD STUDENTS AND FACULTY - Final defense forms must be received by the Graduate Program Assistant / Graduate Coordinator at least 8 weeks prior to the date proposed for the defense.

REMINdERS

READ YOUR UoG Email DAILY: This is how the Department of Pathobiology and other Departments of the University of Guelph contacts you. Contact CSS 58888 if you encounter email issues. If you are not receiving emails from your department, contact your GPA.

PROTECT your passwords: Be aware of attempts to get your personal information. No one from the University will ask you to provide your login and password in an email.

SCAMS: Go to the IT Security website for information on the latest scams.

MAILBOX: Pick up your mail on a daily or weekly basis.

MOVING? Let Donna Kangas know.

Send all email request to Donna Kangas to pathgrad@uoguelph.ca

CAREER DAY by Maria Rosales Gerpe

Last Friday, September 22nd, the graduate students of OVC attended the second installment of the newly founded, annual Career Day. The inaugural Career Day was well received by the student participants and this year was no different. Indeed, there was an overwhelming amount of positive feedback and the organizer’s hope to continue this trend. The event started at 9:00 am and lasted until 3:00 pm, with breakfast, a coffee break and lunch provided, free of charge to students. | OVC Bulletin
UPCOMING EVENTS

PATHOBIOLOGY SEMINARS
Seminars will take place at 11:30 am in PAHL room 1810

Oct 6 Gabriella Mallia Host: S. Weese
Topic: Evaluation of the epidemiology and microbiology of Clostridium difficile in long term care facility residents

Oct 13 Alexander Bekel-Yitbarek Host: S. Sharif
Topic: Commensal gut microbiota and immunity against influenza virus subtype H9N2 in chickens

Oct 20 Jamie Rothenburger Host: C. Jardine
Topic: Beyond abundance: microenvironmental and weather characteristics associated with zoonotic pathogens in urban Norway rats (Rattus norvegicus)

Oct 27 PABI*6440/6450 Student Seminars: Ashley Cormier

Nov 3 Imam Meh dizadeh-Gohari Host: P. Boerlin/ J. Prescott
Topic: NetF producing Clostridium perfringens in foal and canine necrotizing enteritis

OVC and U of G EVENTS

Oct 5 OVC Community Meeting - update on DVM Program and OVC constructions
12:30 pm LLC 1714

Oct 5 Faculty Information Exchange Series UC 441 12-1 pm > details

12:30-1:30 pm PAHL Rm 1800

Oct 24 Cardiovascular Scientist Seminars
Dr. Tami Martin and Dr. Glen Pyle
12-1 pm PAHL Rm 1800 See attached Check out the Wellness at Work Events Calendar

Oct 24 Respiratory Fit Testing Clinic
10:30 am - 12 pm AHL Boardroom

Oct 26, Nov 2 & Nov 9 Librarian in Residence Workshops for Grad Students and Faculty
12:30-1:30pm PAHL Rm 1817 | details

Oct 31 College Idol Peter Clark Hall Share your talent and support the United Way > more info

Watch for more events and raffles

NEWS from OVC Centres and More

- OVC Bulletin
- Campbell Centre for Animal Welfare
- Centre for Cardiovascular Investigations
- Centre for Public Health and Zoonoses
- Equine Guelph
- Institute for Comparative Cancer Investigations
- OAHN
- OVC Pet Trust
- Poultry Health Research Network
- B4uGetaPet
- U of G News
- Worms and Germs

DEPARTMENT REMINDERS and NOTICES

NOTE TO STUDENTS/EMPLOYEES
- 2017 TD1 Federal and Ontario Personal Tax Credit Forms

Regardless of whether you work on or off campus, certain student expenses on a completed Federal and a Provincial TD1 Tax Credit form may allow you to reduce any income tax you may owe. In other words, income tax may be deducted at a lower amount on each pay cheque.

Completed TD1 Federal and Provincial Forms should be sent to ovcvas@uoguelph.ca subject line name + TD1Tax Forms.

Pathobiology Fridge Clean Up - Fri Oct 6

To avoid confusion please remove or label all of your items in the fridge for this afternoon.

As always any questionable food items will be discarded along with their container.

Thank you for your assistance in keeping the fridges clean for everyone to use.

Contact Nathalie
- newsletter submissions
- OVC website updates
- research posters
- research websites
- teaching rooms and resources
- United Way Department Rep
mstruyk@uoguelph.ca

Teaching Support Room 1814 PAHL Ext 54670
mstruyk@uoguelph.ca

Mary Nam, Operations Manager
Pathobiology & Administrative Manager
OVC SAS HR Services
Room 3832 PAHL
Ext 54703 mnam@uoguelph.ca

Marni Struyk
Receptionist/Secretary
Room 3838 PAHL
Ext 54755 mstruyk@uoguelph.ca

>> visit U of G United Way Guelph
Message From the Dean: 2017 United Way campaign launches | OVC Bulletin
Support our community, submit your pledge forms each week (Tuesdays by 4pm) until Oct 27 to Nathalie Rm 1814 or in her mailbox to enter the weekly incentive draws. > more details

Oct 4 AHL BBQ at the Central Animal Facility Burger and Pop $6 Bake Sale $2/plate Raffle tickets $2/ea or 3 for $5

Oct 26, Nov 2 & Nov 9 Librarian in Residence Workshops for Grad Students and Faculty
12:30-1:30pm PAHL Rm 1817 | details

Check out the Wellness at Work Events Calendar

GRANT OPPORTUNITIES

EXTERNAL
- Catalyst Grant: Sex as a Variable in Biomedical Research Deadline: Nov 7
- Animal Welfare Foundation of Canada has established the Dr. Carol Morgan Memorial Award for veterinarians, to be used for continued education or training-related costs for areas in animal ethics or animal welfare. Deadline is Oct 15
- Call for Non-Steroidal Anti-Inflammatory Research Proposals - Racing Medication and Testing Consortium Deadline: Nov 1
- CIHR Catalyst Grant: Sex as a Variable in Biomedical Research Deadline: Nov 7
- NSERC RTI Deadline: Oct 25
- Morris Animal Foundation Call for Pilot Proposals for the Golden Retriever Lifetime Study Deadline: Nov 1
- Morris Animal Foundation Announces Call for Wildlife/Exotics Proposals Deadline: Nov 1 at 11:50 pm
- 2017 Zoetis Investment in Innovation fund. A total of $100,000 in funding is available to proposals received from the five Canadian veterinary colleges. Follow link to application form Deadline: Oct 20
- Grayson-Jockey Club Research Foundation is accepting proposals on the soundness and health of horses. Deadline: Oct 2 at 5 p.m.

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